

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 63077948
PUBLICATION DATE : 08-04-88

APPLICATION DATE : 19-09-86
APPLICATION NUMBER : 61223245

APPLICANT : MATSUMOTO YUSHI SEIYAKU KK;

INVENTOR : SATO MITSUKO;

INT.CL. : C08J 9/22

TITLE : LIQUID-ABSORBING MATERIAL AND PRODUCTION THEREOF

ABSTRACT : PURPOSE: To obtain a liquid-absorbing material easily in a short time, which is suitable for use in the printing part of a continuous printing stamp, by mixing a resin base material with the foam of a heat-expandable microcapsule, putting the mixture into a mold and compressing it with heating.

CONSTITUTION: 100pts.wt. resin base material (e.g., a mixture of PVC with a plasticizer) is mixed with 2-8pts.wt. pref. 4-5pts.wt. foam having an expansion ratio of 30-70 and a particle size of 1-100 μ m, pref. 3-50 μ m, obtd. from a heat-expandable microcapsule (e.g., polyacrylonitrile) and optionally, a stabilizer, a colorant, etc. The mixture is put into a mold and compressed with heating to obtain a liquid-absorbing material having a water absorption of 0.1-0.5g, pref. 0.15-0.4g/cm³.

COPYRIGHT: (C)1988,JPO&Japio